UNIVERSITI TEKNOLOGI MARA

EAD450: CERAMIC MOBILE

Course Name (English)	CERAMIC MOBILE APPROVED
Course Code	EAD450

MQF Credit	2

Course Description	This course concentrates on creating ceramic mobile products by using different ceramic materials such as clay, stoneware and porcelain. Students are able to explore the hand built, press mould and slip casting techniques in fabricating the products with applying decoration and mixed media. Additionally, study on contemporary design based on ceramic mobile is needed for market trends. Research and design development are required to guide the student in creating ceramic mobile design. Weekly sketchbook assignments are a course requirement.

Transferable Skills	Technical Skill, Visual Presentation

Teaching Methodologies	Lectures, Studio, Demonstrations, Tutorial, Workshop, Supervision

CLO		
	CLO1	identifies ceramic materials are suitable for ceramic mobile.
	CLO2	demonstrate creativity to clay characteristics, creating a decoration ceramic mobile form, by combining clay and mixed media.
	CLO3	constructs basic clay forming by using hand built, press mould and slip casting techniques.

Pre-Requisite Courses	No course recommendations

Topics
1. 1. Introduction of ceramic materials 1.1) 1.1 Clay (stoneware) 1.2) 1.2 Slip (stoneware/porcelain) 1.3) 1.3 Tools & equipment requirement
2. 2. Fundamental of ceramic techniques 2.1) 2.1 Hand built 2.2) 2.2 Press mould 2.3) 2.3 Slip casting 2.4) 2.4 Surface decoration
3. 3. Hand built fabrication 3.1) 3.1 slabing 3.2) 3.2 hand built decoration
4. 4. Press mould fabrication 4.1) 4.1 Model fabrication 4.2) 4.2 one (1) piece mould
5. 5. Slip casting fabrication 5.1) 5.1 Plaster of Paris 5.2) 5.2 Model fabrication 5.3) 5.3 two (2) pieces mould
6. 6. Surface Decoration 6.1) 6.1 Ceramic studio decoration 6.2) 6.2 Ceramic industrial decoration
7. 7. Construction with mixed media 7.1) 7.1 Joining part 7.2) 7.2 Surface treatment
8. 8. Finishing and drying procedure 8.1) n/a

9. 9. Glazing 9.1) 8.1 Glaze Application 9.2) 8.2 Type of Glaze
10. 10. Firing 10.1) 10.1 Type of Kiln 10.2) 10.2 Firing process

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Final Project	(Practical) --Finishing & workmanship (demonstrate creative manipulation) -Visual presentation (present idea verbally using art & design terms) --Self motivation / commitment (class attendance) (Design) --Visual / drawing presentation (use of medium, quality of drawing) --Project report (complete documentation of all project exercises)	40%	CLO2
	Individual Project	(Practical) --Finishing skills (high quality finishing in thrown product) --Technique & application (manipulate processes & material) -Quality & volume of works (complete project requirement) (Design) --Creativity skill (stimulate ideas through sketches & drawing studies) --Quality & volume of drawing/sketches (manual & CAD skill)	30%	CLO1
	Individual Project	Individual Project 2	30%	CLO3

Reading List	Recommended Text	Kathy Triplett 2000, *Handbuilt Ceramics: Pinching * Coiling * Extruding * Molding * Slip Casting * Slab Work*, Lark Books [ISBN: 978-157990184]
	Reference Book Resources	Steve Mattison 2013, *The Complete Potter*, Barron's Educational Series [ISBN: 978-076412259]
		Anthony Quinn 2007, *Ceramic Design Course: Principles, Practice, and Techniques: A Complete Course for Ceramicists* Barron's Educational Series [ISBN: 978-076413733]
		Maureen Mills 2011, *Surface Design for Ceramics (A Lark Ceramics Book)*, Lark Crafts [ISBN: 978-16005978]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	